

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S87 | 32 | (self near tap\$3) and lobe and screw | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/07 20:53 |
| S88 | 5 | "4040328".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/07 21:00 |
| S89 | 23 | ("3180126").URPN. | USPAT | OR | ON | 2009/07/07 21:02 |
| S91 | 12 | S90 not taper\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 10:54 |
| S90 | 32 | (self near tap\$3) and lobe and screw | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 10:54 |
| S93 | 36 | "411"/\$.ccls. and lobe and (self near tap\$4) not (taper \$3 and pitch) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:00 |
| S92 | 4 | "411"/\$.ccls. and lobe and (self near tap\$3) not (taper \$3 and pitch) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:00 |
| S94 | 38 | "411"/\$.ccls. and lobe and (self near tap\$4) not (taper \$3 and pitch and screw) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:02 |

| | | | | | | |
|------|-----|--|--|----|-----|------------------|
| S95 | 23 | ("3180126" "3209383" "3530760" "3918345" "3935785" "4040328" "4069730" "4235149" "4368552" "4844676" "5088869").PN. OR ("5961267").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:04 |
| S96 | 35 | ("0328139" "3083609" "3209383" "3370501" "RE06571").PN. OR ("4069730").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:05 |
| S97 | 112 | (411/416).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 11:08 |
| S98 | 29 | ("2909380" "3586353" "3645570" "3933210" "4004832" "4040756" "4295751" "4549754" "4570982" "4582348" "4629223" "4687368" "4717183" "4760887" "4770259" "4861209" "4968068" "4969671" "5427418" "5785360" "5788401" "5924500" "6196598" "6394190").PN. OR ("6810956").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:09 |
| S100 | 368 | "411"/\$.ccls. and lobe not (taper\$3 and pitch and screw) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:18 |
| S99 | 453 | "411"/\$.ccls. and lobe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:18 |
| S101 | 0 | (11/320140).APP. | USPAT; USOCR | OR | ON | 2009/07/08 11:19 |

| | | | | | | |
|------|----|---|---------------------------|----|----|---------------------|
| S102 | 71 | ("2676508" "2676508" "2956462" "2968984" "2968984" "2976345" "20060213335" "3137195" "3137195" "3377903" "3377903" "3382751" "3382751" "3428169" "3428169" "3452637" "3452637" "3490329" "3490329" "3491933" "3491933" "3516323" "3516323" "3834253" "3841474" "3841474" "3955674" "3955674" "3978759" "3978759" "3981604" "3981604" "4106618" "4106619" "4286496" "4286496" "4669169" "4669169" "4718551" "4881643" "4932821" "4932821" "4979858" "4979858" "5069340" "5069340" "5125616" "5125616" "5171118" "5178048" "5292216" "5292216" "5366082" "5366082" "5417534" "5417534" "5443345" "5443345" "5525018" "5525018" "5569010" "5569010" "5620288" "5620288" "5624220" "5624220" "5632585" "5632585" "5775514" "5803691" "5803691" "5833420" "5833420" "5836732" "5865311" "5931298" "5931622" "6036013" "6039525" "6039525" "6044972" "6162002" "6162002" "6688829" "6688829" "6779959" "6779959" "6814231" "6814231" "6823990" "6823990" "6824342" "6824342" "D322018" "D322018" "D326988" "D326988" "D406512" "D489968" "D489968").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:20 |
|------|----|---|---------------------------|----|----|---------------------|

| | | | | | | |
|------|-----|--|---|----|----|---------------------|
| S103 | 47 | "411"/\$.ccls. and lobe and flut\$3 not (taper\$3 and pitch and screw) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:21 |
| S104 | 12 | "2956462").URPN. | USPAT | OR | ON | 2009/07/08 11:22 |
| S105 | 704 | "411"/\$.ccls. and flut\$3 not (taper\$3 and pitch and screw) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:24 |
| S107 | 36 | "0960244" "2229565" "2969250" "3213719" "3584667" "3695124" "3872904" "3885480" "3930428" "4211128" "4367664" "4459074" "4512220" "4646594" "4882957" "4930378" "4947712" "5012706" "5174704" "5277531" "5388486" "5481948" "5562547" "5577871" "5765980" "5797659" "5960681" "6003411" "6016727" "6098501" "6131493" "6736580"). PN. OR ("7331743"). URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:26 |
| S106 | 1 | 10/660331).APP. | USPAT; USOCR | OR | ON | 2009/07/08 11:26 |
| S109 | 45 | "0838109" "1590200" "1772723" "20010007213" "20010054334" "20040020332" "20040255728" "3273430" "3481243" "3584667" "4126063" "4765211" "4947712" "4970922" "5012706" "5219253" "5277531" "5284073" "5295423" "5361657" "5388486" "5476024" "5531143" "5553983" "5782148" "5832792" "5904076" "5960681" "6003411" "6098501" "6131492" "6223634" "6269716" "6354175" "6389934" | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:28 |

| | | | | | | |
|------|-----|--|--|----|-----|------------------|
| | | "6390929" "6598498" "6626067" "7036227" "D353756").PN. OR "7523688").URPN. | | | | |
| S108 | 39 | "0994804" "2010616" "2523041" "2718806" "2851295" "3253626" "3935762" "4096896" "4126063" "4328720" "4469727" "4535658" "5295423" "5309798" "5485769" "5542320" "5682801").PN. OR "5960681").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:28 |
| S111 | 144 | (470/203).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 11:31 |
| S110 | 22 | (470/202).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 11:31 |
| S112 | 23 | "2027922" "2285462" "2896985" "3073192" "4061013" "4078415" "4291568" "4328720" "4559803" "4594874" "4706487" "4993289" "5101695" "5765430" "5910197").PN. OR ("6390929").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:35 |
| S113 | 81 | ("2083092" "2969250" "3187790").PN. OR ("3584667").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:38 |
| S115 | 5 | flut\$3 and (self near tap \$3) and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:40 |
| S114 | 145 | flut\$3 and (self near tap \$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:40 |

| | | | | | | |
|------|-----|---|--|----|-----|------------------|
| S117 | 160 | flut\$3 and (tap\$3) and lobe and fasten\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:41 |
| S116 | 160 | flut\$3 and (tap\$3) and lobe and fasten\$4 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 11:41 |
| S119 | 26 | "3125923" "3241426" "3395603" "3463045" "3507183" "3517581" "3786713" "3789725" "4064784" "4114507" "4147088" "4556347" "4561813" "4565471" "4568229").PN. OR ("4836730").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 12:44 |
| S120 | 253 | (74/473.25).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 15:14 |
| S121 | 115 | flut\$3 and (tap\$3) and lobe and wedg\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 15:30 |
| S122 | 38 | "2466218" "2737033" "3003339" "4622022" "4667530" "4705491" "4798268").PN. OR ("5460574").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:34 |
| S123 | 40 | "2035055" "2263424" "2278411" "2636194" "2823574" "2901019" "3469491" "3504722" "3524378" "3665801" "3707107" "4022099" "4023914" "4076064").PN. OR ("4258607").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:36 |
| S128 | 0 | jp-1994-117428-.did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:42 |
| S127 | 0 | jp-1994117428-.did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:42 |

| | | | | | | |
|------|-----|---|---|----|----|---------------------|
| S126 | 0 | jp-006117428-\$ did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:42 |
| S125 | 0 | jp-06117428-\$ did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:42 |
| S124 | 0 | jp-6117428-\$ did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:42 |
| S129 | 0 | jp-H06-1177428-\$ did. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:43 |
| S130 | 16 | "1676482" "1912517" "2991491" "3171146" "3226743" "R024572"). PN. OR ("3775792"). URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:55 |
| S131 | 11 | "20030172761" "20040012280" "3508593" "3918345" "4069730" "4572875" "4993277" "5000637" "6269709" "6272942"). PN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:57 |
| S132 | 12 | ("1912517" "3775792"). PN. OR ("5035019"). URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 16:02 |
| S133 | 7 | (oetien near juergen) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:04 |
| S134 | 2 | ("3226743").URPN. | USPAT | OR | ON | 2009/07/08 16:06 |
| S138 | 268 | (flut\$3).ti. and tap\$3 and (shank or bolt or pin or shaft or rod or cylinder) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:13 |
| S137 | 245 | (flut\$3).ti. and tap\$3 and (shank or bolt or pin or shaft or rod) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:13 |
| S136 | 540 | (flut\$3).ti. and tap\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:13 |
| S135 | 5 | ("3171146").URPN. | USPAT | OR | ON | 2009/07/08 16:13 |

| | | | | | | |
|------|------|---|--|----|-----|------------------|
| S139 | 13 | (fluting).ti. and tap\$3 and (shank or bolt or pin or shaft or rod or cylinder) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:15 |
| S142 | 6 | S140 and flut\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:17 |
| S141 | 6 | S140 and flut\$34 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:17 |
| S140 | 1950 | (74/425).COLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 16:17 |
| S143 | 12 | ("3209383").URPN. | USPAT | OR | ON | 2009/07/08 16:27 |
| S144 | 0 | ("2922496").URPN. | USPAT | OR | ON | 2009/07/08 16:41 |
| S145 | 2 | ("3226743").URPN. | USPAT | OR | ON | 2009/07/08 16:45 |
| S147 | 1 | (flut\$3).ti. and tap\$3 and (shank or bolt or pin or shaft or rod or cylinder) and (smooth with surface) and (axial\$3 with lock\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:47 |
| S146 | 26 | (flut\$3).ti. and tap\$3 and (shank or bolt or pin or shaft or rod or cylinder) and (smooth with surface) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:47 |
| S148 | 25 | (411/18).COLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 16:51 |

| | | | | | | |
|------|----|---|--|----|-----|------------------|
| S149 | 26 | ("0665705" "1316640" "1320622" "1367080" "1599784" "1688087" "2147357" "3199398" "3381566").PN. OR ("4340330").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 16:52 |
| S150 | 9 | "768283").URPN. | USPAT | OR | ON | 2009/07/08 16:58 |
| S151 | 40 | (flut\$3).ti. and tap\$3 and (smooth with surface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/08 16:59 |
| S152 | 22 | (411/35).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 17:02 |
| S153 | 90 | (411/32).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/08 17:10 |
| S154 | 9 | ("3232163" "3491649" "3662644" "3854374" "4088054").PN. OR ("4708551").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 18:23 |
| S156 | 36 | "0067071" "0843271" "0895769" "1108483" "1112557" "1118544" "1236538" "2751052" "2924876" "3232163" "3269251" "3283567" "3437004" "3651734" "3983779" "4174910" "4181061" "4221154" "4322194" "4500238" "4566832" "4596503").PN. OR ("RE36622").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 18:24 |
| S155 | 5 | ("3232163").URPN. | USPAT | OR | ON | 2009/07/16 18:24 |
| S157 | 13 | ("3269251").URPN. | USPAT | OR | ON | 2009/07/16 18:27 |
| S158 | 6 | "3269251" "3417525" "4902179" "5704752").PN. OR ("6588997").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 18:28 |

| | | | | | | |
|------|------|--|--|----|-----|------------------|
| S159 | 13 | ("3269251").URPN. | USPAT | OR | ON | 2009/07/16 18:30 |
| S160 | 359 | (74/24).COLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/16 18:32 |
| S161 | 140 | (411/24).COLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/16 18:33 |
| S162 | 4 | ("1852089").URPN. | USPAT | OR | ON | 2009/07/16 18:37 |
| S163 | 90 | (411/32).COLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/16 18:47 |
| S164 | 9 | ("1499072" "1751818" "3187620" "5205688").PN. OR ("6679662").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 18:48 |
| S165 | 6 | ("1751818").URPN. | USPAT | OR | ON | 2009/07/16 18:49 |
| S166 | 6 | ("1751818").URPN. | USPAT | OR | ON | 2009/07/16 18:51 |
| S167 | 6 | ("1499072").URPN. | USPAT | OR | ON | 2009/07/16 18:52 |
| S170 | 61 | (bolt near anchor).ti. and (triangle or triangular) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 18:53 |
| S169 | 4 | (bolt near anchor).ti. and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 18:53 |
| S168 | 3853 | (bolt near anchor).ti. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 18:53 |

| | | | | | | |
|------|-----|--|--|----|----|------------------|
| S172 | 0 | (11/572692).APP. | USPAT; USOCR | OR | ON | 2009/07/16 18:56 |
| S171 | 2 | "20080286065" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 18:56 |
| S173 | 28 | "1372242" "1548456" "2391288" "2486670" "2571747" "2640244" "2877818" "3079829" "3171182" "3311148" "3378288" "3419298" "3670526" "4073212" "4501520" "6077010").PN. | USPAT; USOCR | OR | ON | 2009/07/16 18:59 |
| S174 | 7 | "3735665" "5205688" "5312215").PN. OR ("6164884").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:01 |
| S175 | 31 | "2107315" "2375995" "2855003" "2870794" "2886067" "3021927" "3323551" "4381800" "4385643" "4474216" "4600036").PN. OR ("4760868").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:03 |
| S176 | 32 | "2936015" "3836704" "3854374" "3893208" "4176428" "4364427" "4435111" "4478545" "4579473" "4610587" "4674910").PN. OR ("4726722").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:05 |
| S177 | 7 | ("3512448").URPN. | USPAT | OR | ON | 2009/07/16 19:06 |
| S178 | 3 | ("1278025").URPN. | USPAT | OR | ON | 2009/07/16 19:07 |
| S180 | 0 | (bolt near anchor).ti. and wedge and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:12 |
| S179 | 253 | (bolt near anchor).ti. and wedge | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:12 |

| | | | | | | |
|------|-----|---|---|----|----|---------------------|
| S182 | 18 | (dowel).ti. and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:13 |
| S181 | 4 | (bolt near anchor).ti. and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:13 |
| S183 | 125 | (dowel).ti. and (triangle or triangular) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:16 |
| S184 | 12 | "3280875" "3593612" "4274324" "4340330" "4478545" "4642009" "4668145" "4776737" "4861208").PN. OR ("5340257").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:21 |
| S185 | 29 | "2836214" "3105407" "3200694" "3205760" "3319918" "3334410" "3358551" "3434521" "3469493").PN. OR ("3593612").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:22 |
| S187 | 17 | "2788047" "3404596" "3469493" "3593612" "3703120" "3803973" "3830134" "3869958" "4082030" "4085652"). PN. OR ("4179977"). URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:23 |
| S186 | 0 | (05/896522).APP. | US_PGPUB; USOCR | OR | ON | 2009/07/16 19:23 |
| S188 | 31 | "2836214" "2836215" "3105407" "3203304" "3313083" "3342098" "3358551" "3593612"). PN. OR ("3756116"). URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/16 19:24 |
| S189 | 9 | "3105407").URPN. | USPAT | OR | ON | 2009/07/16 19:26 |
| S190 | 24 | ("3434521").URPN. | USPAT | OR | ON | 2009/07/16 19:28 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| S191 | 5569 | (rotary with wedge) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:29 |
| S192 | 2461 | (rotary with wedge) and (bolt or pin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/16 19:30 |
| S195 | 0 | "3538808").URPN. | USPAT | OR | ON | 2009/07/20 16:43 |
| S194 | 0 | "3538808").URPN. | USPAT | OR | ON | 2009/07/20 16:43 |
| S193 | 22 | (411/35).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/20 16:43 |
| S196 | 75 | (411/37).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/20 16:48 |
| S204 | 0 | DE-0428420-\$ did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S203 | 0 | DE-428420-\$ did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S202 | 0 | DE-4284200-\$ did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S201 | 1 | DE-20020440-\$ did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |

| | | | | | | |
|------|------|---|---|----|----|---------------------|
| S200 | 0 | DE-20002440-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S199 | 0 | DE-2002440-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S198 | 0 | DE-0915732-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S197 | 0 | DE-915732-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:50 |
| S205 | 0 | DE-00428420-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 16:51 |
| S206 | 7 | ("2018251").URPN. | USPAT | OR | ON | 2009/07/20 16:53 |
| S208 | 91 | (bolt).ti. and (triangle or triangular) and wedge | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 17:05 |
| S207 | 1035 | (bolt nr).ti. and (triangle or triangular) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 17:05 |
| S209 | 4 | ("1822657").URPN. | USPAT | OR | ON | 2009/07/20 17:09 |
| S211 | 20 | (bolt).ti. and wedge and (interference near fit) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 17:10 |

| | | | | | | |
|------|-----|---|--|----|-----|------------------|
| S210 | 9 | (bolt).ti. and wedge and lobe | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 17:10 |
| S212 | 2 | "6375401".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/20 17:13 |
| S213 | 112 | (411/416).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/20 17:14 |
| S214 | 24 | "2053918" "3372366" "3638700" "3877339" "4040328").PN. OR ("4261402").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/20 17:19 |
| S215 | 448 | "411"/\$.ccls. and lobe) not 411/16.ccls. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/20 17:21 |
| S216 | 0 | "2006/0104743").URPN. | USPAT | OR | ON | 2009/07/20 17:22 |
| S218 | 1 | "11320140" | JPO | OR | ON | 2009/07/21 10:43 |
| S217 | 3 | "11320140" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 10:43 |
| S222 | 1 | jp-11320140-\$.did. | JPO | OR | ON | 2009/07/21 10:44 |
| S221 | 0 | jp011320140a | JPO | OR | ON | 2009/07/21 10:44 |
| S220 | 0 | jp11320140a | JPO | OR | ON | 2009/07/21 10:44 |
| S219 | 1 | jp11320140 | JPO | OR | ON | 2009/07/21 10:44 |
| S224 | 17 | "200400930" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 10:45 |
| S223 | 0 | "200400930" | JPO | OR | ON | 2009/07/21 10:45 |

| | | | | | | |
|------|------|--|--|----|-----|------------------|
| S225 | 1 | "10955437" | US_PGPUB | OR | ON | 2009/07/21 10:46 |
| S226 | 26 | "0665705" "1316640" "1320622" "1367080" "1599784" "1688087" "2147357" "3199398" "3381566").PN. OR ("4340330").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/21 10:53 |
| S227 | 22 | ("1234176" "2088358" "2625071" "3834269" "4340330" "4391559" "4402637" "4498825" "4653132" "4772167" "4968199" "5017067" "5161916" "5181816" "5333977" "5370483" "5437525").PN. OR ("5746556").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/21 10:54 |
| S228 | 6 | "665705").URPN. | USPAT | OR | ON | 2009/07/21 11:24 |
| S229 | 26 | "0665705" "1316640" "1320622" "1367080" "1599784" "1688087" "2147357" "3199398" "3381566").PN. OR ("4340330").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/21 11:35 |
| S230 | 4 | "1852089").URPN. | USPAT | OR | ON | 2009/07/21 11:44 |
| S231 | 13 | ("1656333" "2061811" "3093887" "3204679" "3330177" "3576205" "4339653" "4403102" "4429209" "4523710" "5676510" "6497543" "6702536").PN. | US_PGPUB; USPAT | OR | ON | 2009/07/21 11:52 |
| S232 | 3381 | F16C19/18).IPCR. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/21 12:04 |
| S233 | 2 | de-10141113-\$ did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 12:13 |

| | | | | | | |
|------|-----|---|---|----|-----|---------------------|
| S234 | 357 | (411/349).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/30 12:30 |
| S235 | 17 | ("2403247" "3956803" "4069549" "4789287" "5062752").PN. OR ("5346349").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/30 12:39 |
| S236 | 4 | ("2610379").URPN. | USPAT | OR | ON | 2009/07/30 12:51 |
| S237 | 440 | (411/339).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/30 13:00 |
| S238 | 4 | S237 and lob\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/30 13:01 |
| S239 | 16 | ("0638326" "3081808" "3911781" "4601625" "4760843" "4797983" "4861208" "4892429"). PN. OR ("5104272"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/30 13:11 |
| S240 | 67 | S234 and cut\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/30 13:21 |
| S242 | 78 | S237 and cut\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/30 13:24 |
| S241 | 78 | S237 and cut\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/30 13:24 |
| S243 | 67 | S234 and cut\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/30 13:25 |
| S245 | 4 | (S237 or S244) and lob\$3 and cut\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/30 13:27 |

| | | | | | | |
|------|-----|---|---|----|-----|---------------------|
| S244 | 406 | (411/354).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/30 13:27 |
| S246 | 9 | (S237 or S244) and (lob\$3 or flut\$3) and cut\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/30 13:28 |
| S247 | 9 | "2344413" "3195156" "3240100".PN. OR "4106877").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/07/30 15:07 |
| S248 | 2 | "5613402".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/31 11:06 |
| L1 | 57 | (hans near2 juergen near2 oberle) or (franz near schwendemann) or (andreas near lienig) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/31 14:16 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L3 | 191 | (gearbox) and (bearing) and worm and adjust\$3 and vehicle | USPAT; UPAD | OR | ON | 2009/07/31 14:20 |
| L2 | 569 | (gearbox) and (bearing) and worm and adjust\$3 | USPAT; UPAD | OR | ON | 2009/07/31 14:20 |
| L4 | 104 | (((gearbox) or (gear near box)) with drive with unit) and adjust\$3 and (worm near gear) | USPAT; UPAD | OR | ON | 2009/07/31 14:25 |

7/31/2009 2:35:42 PM

H:\Documents and Settings\dyabut1\My Documents\Workspaces\10588357_fi\10588357_3.wsp